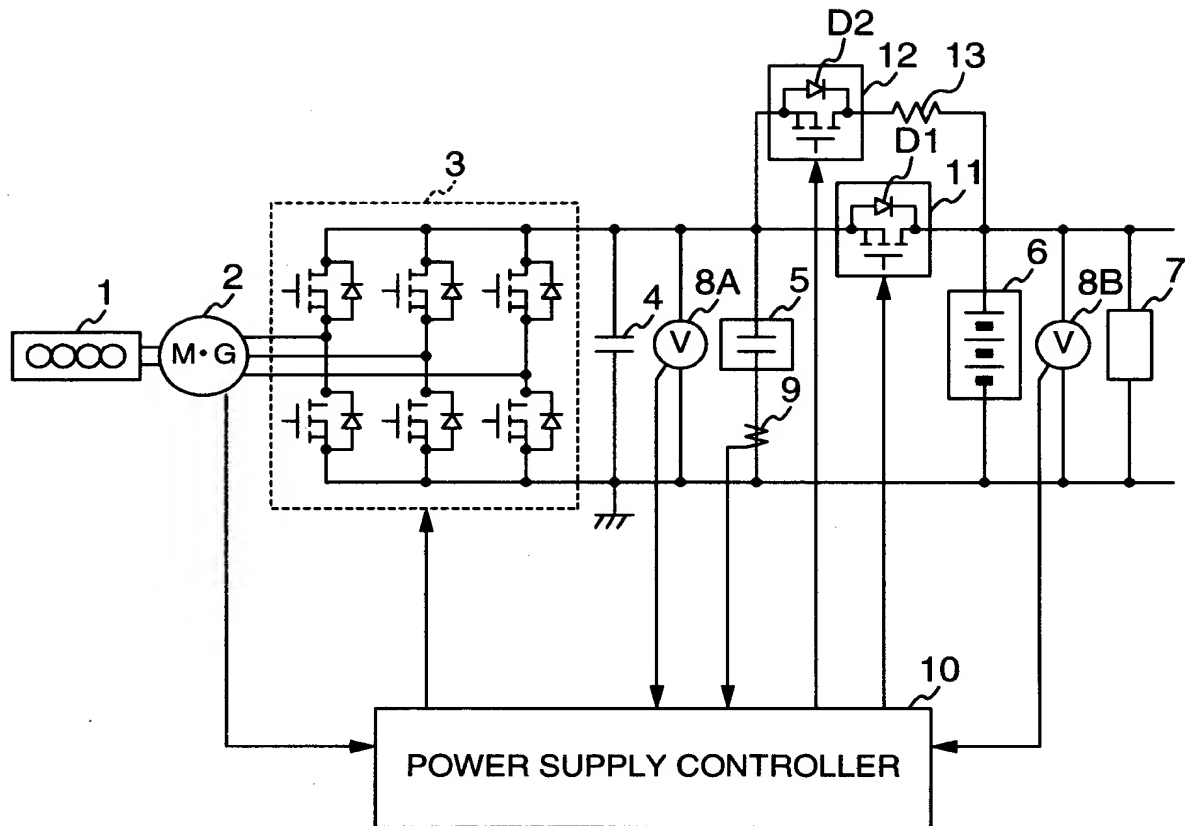
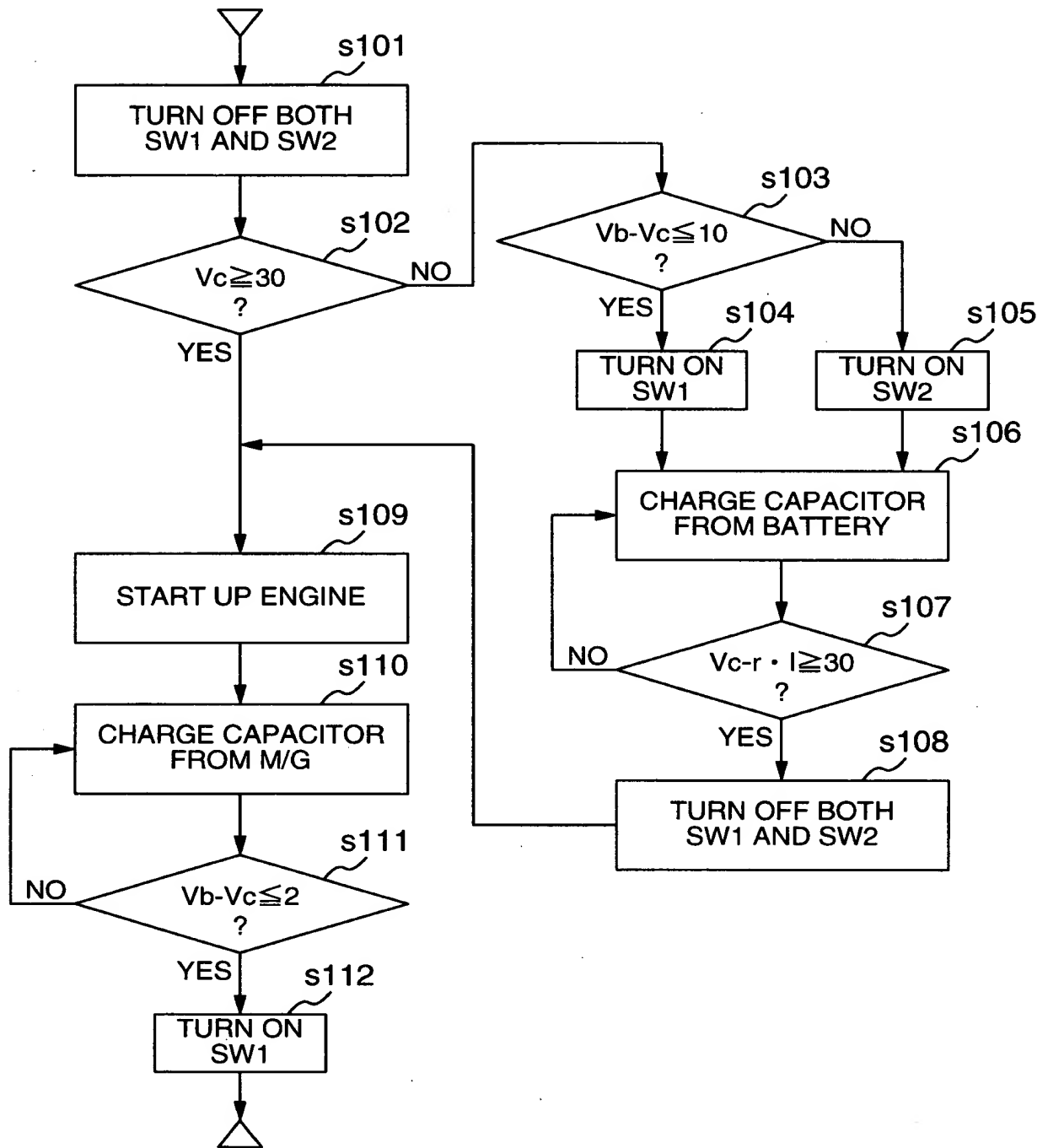


FIG.1



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FIG.2



The diagram shows a power supply system for a motor. It includes a motor (1) connected to a motor-generator (M·G) (2). The motor-generator is connected to a three-phase inverter (3) which drives the motor. The inverter is controlled by a POWER SUPPLY CONTROLLER (10A). The controller also manages a DC link circuit containing a capacitor (4), a voltmeter (8A), a battery (5), and a resistor (9). The DC link is connected to a bridge rectifier (11A) which is controlled by a diode (D1) and a thyristor (D2). The rectifier is connected to a battery (6) and a voltmeter (8B). The battery is connected to a load (7). The controller (10A) receives feedback signals from the voltmeters (8A, 8B) and the motor (1).

FIG.4

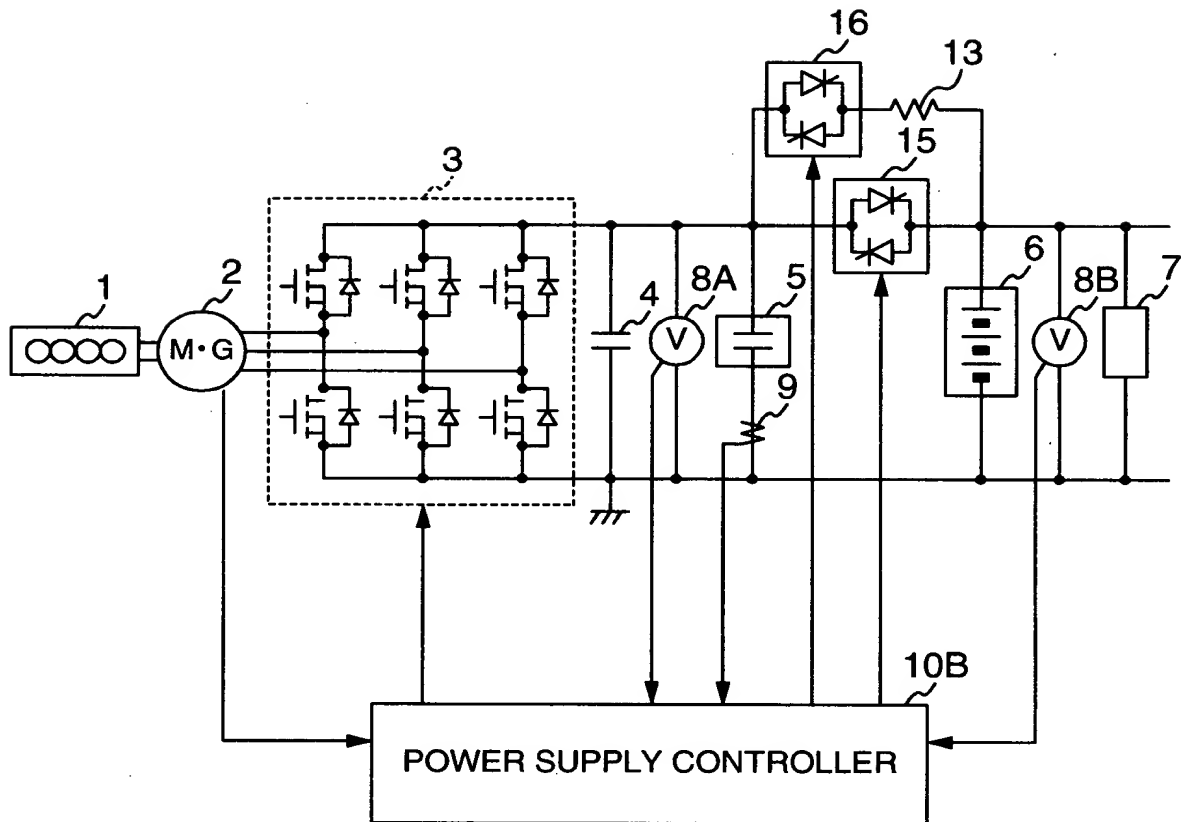


FIG.5

